FORM PTO-1449 (REV.7-80)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 210121.475C10

JUL 2 4 2007 APPLICATION NO. 09/854,133

APPLICANTS SECOND SUPPLEMENTAL INFORMATION Michael J. Lodes etaRAD DISCLOSURE STATEMENT (Use several sheets if necessary) FILING DATE GROUP ART UNIT May 11, 2001 1646 **U.S. PATENT DOCUMENTS** *EXAMINER DOCUMENT NUMBER FILING DATE IF APPROPRIATE INITIAL DATE NAME CLASS SUBCLASS AA AB AC AD FOREIGN PATENT DOCUMENTS DOCUMENT DATE TRANSLATION NUMBER COUNTRY SNIBCLAES YES WO 01/96390 ΑE 12/20/01 WIPO wo ΑF AG ΑH ΑI AJ OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Swiss Prot Accession Number AB026891, August 2, 1999. ΑK EMBL Accession Number ABA09201, August 9, 2001: January 11, 2001 ΑL AM AN **EXAMINER** DATE CONSIDERED * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant(s).

D:\NrPortbl\iManage\LAWRENCE\302873 1.DOC

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. APPLICATION NO. (REV.7-80) PATENT AND TRADEMARK OFFICE 210121.475C10 09/854.133 RECEIVED APPLICANTS **INFORM** OSURE STATEMENT Michael J. Lodes et al. (Use several sheets if necessary) FILING DATE AUG 1 4 2001 GROUP ART UNIT May 11, 2001 TECH CENTER 1600/290 U.S. PATENT DOCUMENTS *EXAMINER DOCUMENT NUMBER DATE CLASS SUBCLASS NAME FILING DATE INITIAL IF APPROPRIATE AA FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS **SUBCLASS** TRANSLATION NUMBER YES NO WO 99/38973 08/05/99 WIPO- wo ΑB WO 96/02552 WIPO- wo 02/01/96 AC OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Chen et al., "Isolation and characterization of a novel gene expressed in multiple cancers," ΑD Oncogene, 12:741-751, February 15, 1996. Clay et al., "Efficient transfer of a tumor antigen-reactive TCR to human peripheral blood ΑE lymphocytes confers anti-tumor reactivity," The Journal of Immunology 163:507-513, 1999. El-Deiry W., "Role of oncogenes in resistance and killing by cancer therapeutic agents," AF Current Opinion in Oncology 9(1):79-87, January 1997. Fenwick et al., "A subclass of Ras proteins that regulate the degradation of IkB," Science. AG L 287:869-873, February 4, 2000. Gure et al., "Human lung cancer antigens recognized by autologous antibodies: definition of AH a novel cDNA derived from the tumor suppressor gene locus on chromosome 3p21.3." Cancer Research, 58:1034-1041, March 1, 1998. Heller et al., "Discovery and analysis of inflammatory disease-related genes using cDNA ΑI microarrays," Proc. Natl. Acad. Sci. USA 94:2150-2155, March 1997. Okamoto et al., "Overexpression of human mutT homologue gene messenger RNA in ΑJ renal-cell carcinoma: evidence of persistent oxidative stress in cancer," International Journal of Cancer 65(4):437-441, February 8, 1996.

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s)

·		OPE					Shee	正			
FORM PTO-144 (REV.7-80)	19	Ville 10 mm. 2	.S. DEPARTMENT OF COMMERCE ATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO			111				
INF	ORM		RE STATEMENT	APPLICANTS Michael J. Lodes et al.				H3.			
		(Use several sheets if ne	cessary)	FILING DATE May 11, 2001	GRO	OUP ART UNIT		1600/2900			
			U.S. PATENT	DOCUMENTS				8			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	ļ	G DATE OPRIATE			
	ВА										
		~	FOREIGN PATE	NT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION			
	 DD					1	YES	NO			
	BB	*									
	BC	<u> </u>									
-	l - 1		R PRIOR ART (Including								
2	BE		Porter et al., "Mechanistic studies of the inhibition of MutT dGTPase by the carcinogenic metal Ni(II)," <i>Chem. Res. Toxicol.</i> 9(8):1375-1381, December 1996.								
d	BF		"Parallel human genors," <i>Proc. Natl. Acad. So.</i>				onitori	ng			
4	BG	hMTH1, in he	olymorphisms and prob ereditary nonpoliposis on enmunications 214(3): 1	colorectal cancer," Bio	ochemical d						
ļ	ВН	110000000000000000000000000000000000000		237 1243, September	1 23, 1773.	· · · · · · · · · · · · · · · · · · ·					
	BI			e di							
	ВЈ										
	вк										
EXAMINE	R	2 Sill	7	DATE CONSIDERED	1/10/03		· · ·				
* EXAMINE	R: In	nitial if reference considered	d, whether or not criteria is in con	formance with MPEP 609 Dray		itation if not in		——			

conformance and not considered. Include copy of this form with next communication to applicant(s).

		11 6						She	of of
FORM PTO-144 (REV.7-80)	19	AU6 1 0 2001 PA	S. DEPARTMENT (TENT AND TRAD)	OF COMMERCE EMARK OFFICE	ATTY. DOCKET NO		LICATION NO. /854,133		H CEN
INF	ORM	ATION DISES OSUI	RE STATEM	ENT	APPLICANTS Michael J. Lodes et	al			111
		Sesteral sheets if ned			FILING DATE May 11, 2001		OUP ART UNIT		0.066/0.091
			U.S.	PATENT I	DOCUMENTS				<u> </u>
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING	G DATE OPRIATE
	CA								
			FOREI	GN PATEN	T DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	LATION
	СВ							YES	NO
	СС				-				
		ОТНЕ	R PRIOR AI	RT (Including	Author, Title, Date, Pertinent Pa	I Fto)			
X-	CD	Schena et al.,	"Quantitativ	e monitori	ng of gene expression 470, October 20, 1995	patterns w	rith a comp	lemen	tary
	CE								
	CF								
	CG								
	СН								
	CI								
	Cl								
EXAMINER		go bill		ļ	DATE CONSIDERED	1/9/03	-	<u> </u>	
EXAMINE		tial if reference considered, nformance and not consider	whether or not cr ed. Include copy	iteria is in confo of this form with	rmance with MPEP 609. Draw h next communication to applica	line through cits	ation if not in		

EXPRESS MAIDNO. EV207697520US Sheet 1 of 4 FORM PTO-144 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. APPLICATION NO. (REV.7-80) APR 1 6 2003 PATENT AND TRADEMARK OFFICE 210121.475C10 09/854,133 APPLICANTS THIRD SUPPLEMENT AL INFORMATION DISCLOSURE Michael J. Lodes et al. (Use several sheets if necessary) FILING DATE GROUP ART UNIT May 11, 2001 1631 U.S. PATENT DOCUMENTS *EXAMINER DOCUMENT NUMBER DATE FILING DATE NAME CLASS SUBCLASS INITIAL IF APPROPRIATE d-6,124,433 09/26/00 Falb et al. 530 350 6,020,463 02/01/00 Falb et al. 530 350 مكم AC 6,018,025 01/25/00 Falb et al. 530 350 5,882,925 03/16/99 ΑD Falb 435 325 5,849,578 12/15/98 ΑE Falb 435 325 FOREIGN PATENT DOCUMENTS DOCUMENT TRANSLATION DATE COUNTRY NUMBER Class YES WO 01/57188 AF 08/09/01 WIPO WO AG WO 01/54477 08/02/01 WIPO WO WO 01/02568 ΑH 01/11/01 WIPO WO WO 99/58675 11/18/99 ΑI WIPO-WO WO 99/38972 ΑJ 08/05/99 ₩IPO- wo WO 96/24604 08/15/96 ΑK WIPO-WO OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) GenBank Database, Accession No. AAG35592, December 1, 2000. ALGenBank Database, Accession No. AAH12087, August 6, 2001. AM GenBank Database, Accession No. AAK49111, May 2, 2001. AN GenBank Database, Accession No. AB026891, February 10, 2001. AO GenBank Database, Accession No. AB040875, April 3, 2001. ΑP GenBank Database, Accession No. AB042201, February 10, 2001. AQ

EXAMINER

719/03

DATE CONSIDERED

7/9/03

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

EXPRÈSS MAIL NO. EX 07697520US Sheet $\underline{2}$ of $\underline{4}$ FORM PTO-144 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. APPLICATION NO. (REV.7-80) PATENT AND TRADEMARK OFFICE 210121.475C10 09/854,133 **APPLICANTS** THIRD SUPPLEMENTAL INFORMATION DISCLOSURE Michael J. Lodes et al. **GEMACYSTATEMENT** (Use several sheets if necessary) FILING DATE GROUP ART UNIT May 11, 2001 1631 U.S. PATENT DOCUMENTS *EXAMINER DOCUMENT NUMBER DATE FILING DATE NAME INITIAL CLASS SUBCLASS IF APPROPRIATE BA FOREIGN PATENT DOCUMENTS DOCUMENT TRANSLATION DATE COUNTRY NUMBER YES NO BB TECH CENTER 1600/2900 OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) GenBank Database, Accession No. AC093903, March 1, 2002 BC GenBank Database, Accession No. AF200708, December 1, 2000. BDGenBank Database, Accession No. AF252872, May 2, 2001. BE GenBank Database, Accession No. AJ277882, January 4, 2002. BF GenBank Database, Accession No. BAA82628, February 10, 2001. BG GenBank Database, Accession No. BAA94999, February 10, 2001 вн GenBank Database, Accession No. BAB40574, April 3, 2001. ы GenBank Database, Accession No. BC012087, August 6, 2001. BJ GenBank Database, Accession No. CAC81905, January 4, 2002. BK GenBank Database, Accession No. NM 014331, April 6, 1999. BLGenBank Database, Accession No. NP_055146, April 6, 1999. ВМ

EXAMINER

* EXAMINER:

DATE CONSIDERED

7/9/63

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

GenBank Database, Accession No. XM 105956, May 8, 2002

EXPRESS MAIL NO. EV207697520US Sheet 3 of 4 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. APPLICATION NO. APR 1 6 2003 (REV.7-80) PATENT AND TRADEMARK OFFICE 210121.475C10 09/854.133 APPLICANTS THIRD SURFLEMENTAL INFORMATION DISCLOSURE Michael J. Lodes et al. (Use several sheets if necessary) FILING DATE GROUP ART UNIT May 11, 2001 1631 **U.S. PATENT DOCUMENTS** *EXAMINER DOCUMENT NUMBER FILING DATE DATE NAME CLASS SUBCLASS INITIAL IF APPROPRIATE CA FOREIGN PATENT DOCUMENTS DOCUMENT TRANSLATION DATE COUNTRY NUMBER YES CB TECH CENTER 1800 OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) GenBank Database, Accession No. XP 105956, May 8, 2002. CC Geneseq Database (Derwent), Accession No. AAA00880, May 19, 2000. CD Geneseq Database (Derwent), Accession No. AAF65392, April 9, 2001. CE Geneseq Database (Derwent), Accession No. AAM23914, October 12, 2001. CF Geneseq Database (Derwent), Accession No. AAH98573, October 12, 2001. CG Geneseq Database (Derwent), Accession No. AAZ12811, October 12, 1999. CH Geneseq Database (Derwent), Accession No. AAZ13772, October 12, 1999. CI Geneseq Database (Derwent), Accession No. AAZ14304, October 12, 1999. CJ Geneseq Database (Derwent), Accession No. AAZ14962, October 12, 1999. CK Geneseq Database (Derwent), Accession No. AAZ14980, October 12, 1999. CL Geneseq Database (Derwent), Accession No. AAZ15945, October 12, 1999. CM Geneseq Database (Derwent), Accession No. AAZ16207, October 12, 1999. CN

EXAMINER

DATE CONSIDERED

7/8/03

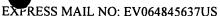
* EXAMINER: Initial if referer

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

,		(6)					L.	Sheet 4	01 4		
ORM PTO-1449 REV.7-80)	API		U.S. DEPARTMENT PATENT AND TRAD		ATTY. DOCKET NO. 210121.475C10	- 1	LICATION NO. /854,133				
THIRD SUK	L E	MENTALÄNFORI _{MADE} STÄTEMEN	IT	CLOSURE	APPLICANTS Michael J. Lodes et	al.					
(Use several sheets if necessary)					FILING DATE May 11, 2001	GR0 16	OUP ART UNIT				
			U.S.	PATENT I	OCUMENTS			<u>-</u>			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	G DATE		
	DA							n /u i k	OTRIAT		
			FOREI	GN PATEN	T DOCUMENTS		<u></u>	L,			
		DOCUMENT NUMBER	DATE		COUNTRY			TRANSI	_		
Г	ЭВ							YES	NO		
		ОТНЕ	CR PRIOR A	RT (Including)	Author, Title, Date, Pertinent P	agas Eta)					
X D	с				sion No. AAZ16401,		2, 1999.	900			
∠ D	DD	Geneseq Data	abase (Derwo	ent), Access	sion No. AAZ16528,	October 12	2, 1999.	APP O	今		
✓ D	Е	Geneseq Data	Geneseq Database (Derwent), Accession No. AAZ16401, October 12, 1999. Geneseq Database (Derwent), Accession No. AAZ16528, October 12, 1999. Geneseq Database (Derwent), Accession No. AAZ16609, October 12, 1999. Geneseq Database (Derwent), Accession No. AAZ17094, October 12, 1999.								
D	F	Geneseq Data	Geneseq Database (Derwent), Accession No. AAZ17094, October 12, 1999.								
X D	G	Geneseq Data	abase (Derwe	ent), Access	ion No. AAZ17469,	October 12	, 1999.				
Z DI	Н	Hillier, L. et a	Hillier, L. et al., "Generation and Analysis of 280,000 Human Expressed Sequence Tags," <i>Genome Research</i> 6:807-828, 1996.								
DI	I	Wallace and I Libraries," Ma	Miyada, "Oli ethods in En	gonucleotid	le Probes for the Scre 52: 432-442, 1987.	ening of R	ecombinan	t DNA	<u> </u>		
DJ	,							- 1 			
Di	ĸ										
DI			-								
DN	и										
DN	7										
AMINER		i .1/	<u> </u>	Г	DATE CONSIDERED						
XAMINER:		to And	6	~	THE CONSIDERED	7/8/03					

OIPE	
MAR 1'9 2002	

Sheet 1 of 1



	10	3			<u> </u>			IL NO. L		
FORM.PTO-144 (REV.7-80)	19* \\$			T OF COMMERCE DEMARK OFFICE	ATTY. DOCKET NO. 210121.475C10			54,133	ESH.	:
SUPP	LEME	ENTAL INFORMA' STATEMEN		OSURE	APPLICANTS Michael J. Lodes et	al.			CENTER	MAR 2
		(Use several sheets if n			FILING DATE May 11, 2001		GROUF	ART UNIT		20
			U.S	S. PATENT I	DOCUMENTS		1010		00/290	2002
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLA	ASS	SUBCLASS	P FILIN	IG DATE ROPRIAT
4	AA	5,589,579	12/31/96	Torczynsk	ci et al.	536		23.1		
	AB					ļ			<u> </u>	
	AC					ļ			ļ	
	AD									
			FORE	IGN PATEN	T DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY		CLASS	Subclus	TRANS YES	SLATIO NO
4	AE	WO 01/83553	11/08/01	WIPO u) 0		_	_		
2	AF	WO 01/79292	10/25/01	-WIPO- w	90		-	-	1	
X.	AG	WO 00/60077	10/12/00	-WIPO W	· · · · · · · · · · · · · · · · · · ·		<u> </u>	-		E . [
<u>_</u>	AH	EP 1 033 401	09/06/00	EPO E?				-		Ď (
	AI		: 						, id	7. "
	AJ							•		3
		ОТНЕ	R PRIOR A	RT (Including)	Author, Title, Date, Pertinent Pa	iges, Etc.)			1/2900	•
✓	AK	GenBank Ac	cession Nur	nber AL157	971, February 25, 200	00.				
4	AL	GenBank Ac	cession Nun	mber N5401	1, February 18, 1996.			1.002		
	AM							a		•
	AN			-				· · · · · · · · · · · · · · · · · · ·		
EXAMINE	R	a tu	M		DATE CONSIDERED	7/9	/43	······································		
* EXAMINE		nitial if reference considere	ed, whether or not	t criteria is in conf	formance with MPEP 609. Draw ith next communication to applic	line thro	_	ion if not in		
2 13 L D . d 11/2 C	1	ION II CHO CONST		El ar min tottit Mi	communication to applic	мицэ).				